

WHAT IS CLAIMED IS:

5 1. A protective helmet partially formed by a main outer shell having a longitudinal plane of symmetry P, said helmet comprising a holding and positioning arrangement adapted to be fastened to a user's head, said arrangement comprising a set of flexible straps, said holding and positioning arrangement comprising a mechanism for adjusting the length of the straps, said mechanism including a pulley device.

2 A protective helmet according to claim 1, wherein the holding and positioning arrangement comprises a chin strap constituted by a set of flexible straps, the chin strap thus being constituted by a front strap and a rear strap joining one another in a middle portion, wherein the front strap is constituted by a left portion of the front strap and of a right portion of the front strap, and the rear strap being constituted by a left portion of the rear strap and by a right portion of the rear strap, the left portions being joined at a point of convergence, while the right portions are also joined at a point of convergence, said points of convergence being adapted to be connected to one another to fasten the helmet.

3. A protective helmet according to claim 2, wherein each of the strap portions comprises a length adjustment mechanism.

20 4. A protective helmet according to claim 2, wherein each of the mechanisms for adjusting the strap portions is constituted by a pulley device.

5. A protective helmet according to claim 1, wherein each said pulley device comprises a lever buckle arranged on a strap portion, and a complementary return

buckle fixed to the main outer shell of the helmet in the area of a point where the strap portion is affixed to the shell.

5 6. A protective helmet according to claim 5, wherein the strap portion passes through the buckle starting from the point where it is affixed to the main outer shell, passes through a guide of the lever buckle, then comes back to pass in the complementary return buckle, before slidably passing again beneath the pivoting lever arm that is susceptible of blocking said sliding.

7. A protective helmet according to claim 1, wherein the set of flexible straps comprises a front strap and a rear strap that is formed by a left strap portion and a right strap portion, and wherein the connection of the ends of the left and right portions of the rear strap to the shell is made at an intermediate connecting piece having the shape of an inverted Y.

8. A protective helmet according to claim 7, wherein the rear intermediate connecting piece is semi-rigid, and wherein it is journaled about its point of fastening to the shell in a transverse plane orthogonal to the longitudinal plane of symmetry, so as to be able to assume the shape of the nape of the user's neck.

20 9. A protective helmet according to claim 2, wherein the chin strap comprises at least one self-connecting and self-disconnecting buckle, said automatic buckle, and more particularly its connecting zone, being arranged at the point of convergence of the left portion of the front strap with the left portion of the rear strap.